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PATENT
PART B - FEE(S) TRANSMITTAL

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**Mail Stop ISSUE FEE
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450
or Fax (703) 746-4000**

DEC 06 2004

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

7590 10/18/2004

Maria S Swiatek
Flehr Hohbach Test Albritton & Herbert LLP *Dursey & Whitney LLP*
Four Embarcadero Center
Suite 3400
San Francisco, CA 94111-4187
12/07/2004 SFELEKE2 00000132 09505516

01 FC:2501 685.00 OP
02 FC:1504 300.00 OP
03 FC:8004 9.00 OP

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/505,516	02/17/2000	M. Arif Karabeyoglu	A-67587-1/AJT/MSS	6762

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (703) 746-4000, on the date indicated below.

Kari Bateman	(Depositor's name)
<i>Kari Bateman</i>	(Signature)
December 1, 2004	(Date)

TITLE OF INVENTION: HIGH REGRESSION RATE HYBRID ROCKET PROPELLANTS AND METHOD OF SELECTING

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO <i>YES</i>	\$1270 <i>685</i>	\$300	\$1670 <i>985-</i>	01/18/2005
EXAMINER	ART UNIT	CLASS-SUBCLASS			
FELTON, AILEEN BAKER	3641	060-251000			

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
- "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
- (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

DORSEY & WHITNEY LLP

2 _____

3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

The Board of Trustees of the
Leland Stanford Junior University

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Stanford, California

Please check the appropriate assignee category or categories (will not be printed on the patent): Individual Corporation or other private group entity Government

4a. The following fee(s) are enclosed:

4b. Payment of Fee(s):

- Issue Fee
- Publication Fee (No small entity discount permitted)
- Advance Order - # of Copies 3

A check in the amount of the fee(s) is enclosed.

Payment by credit card. Form PTO-2038 is attached.

The Director is hereby authorized to charge the required fee(s), or credit any overpayment, to Deposit Account Number 50-2319 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.
- b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature *Maria S. Swiatek*

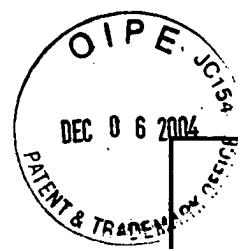
Date December 1, 2004

Typed or printed name Maria S. Swiatek

Registration No. 37,244

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

		Application No.	09/505,516
		Filing Date	February 17, 2000
		First Named Inventor	M. Arif Karabeyoglu
		Examiner Name	FELTON, AILEEN BAKER
		Group Art Unit	3641
Total Number of Pages in This Submission	5	Attorney Docket No.	A-67587-1/MSS (468330-01208)

ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment	<input type="checkbox"/> After Allowance Communication to Group
<input checked="" type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment / Reply	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	Check No. 6946 in the amount of \$994 (\$685 for Issue Fee at Small entity rate, \$300 for Publication, \$9 for advance copies); Form PTOL-85B; copy of small entity statement filed 5/26/04; and a self-addressed stamped return postcard.
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, No. of CD(s) _____	
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application		
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Maria S. Swiatek, Esq., Reg. No. 37,244 DORSEY & WHITNEY LLP 4 Embarcadero Center, Suite 3400 San Francisco, CA 94111-4187 Telephone : 650 494 8700	Customer Number 32940
Signature		
Date	December 1, 2004	

CERTIFICATE OF MAILING

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12/1/04

Typed or printed name	Kari Bateman		
Signature		Date	December 1, 2004

1081692

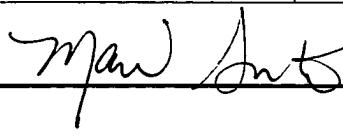


ISSUE FEE TRANSMITTAL (FY 2005)

<i>Complete if Known</i>	
Application No.	09/505,516
Filing Date	February 17, 2000
First Named Inventor	M. Arif KARABEYOGLU
Group Art Unit	3641
Examiner Name	FELTON, AILEEN BAKER
Atty. Docket Number	A-67587-1/MSS (468330-01208)

METHOD OF PAYMENT (Check One)				FEE CALCULATION (Continued)																																																																			
<p>1. <input type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to: Deposit Account No.: <u>50-2319</u> Deposit Account Name: <u>DORSEY & WHITNEY LLP</u></p> <p><input checked="" type="checkbox"/> Charge any additional fee required under 37 C.F.R. 1.16 and 1.17</p> <p><input checked="" type="checkbox"/> Applicant claims small entity status (see 37 C.F.R. 1.27)</p>				<p>3. ADDITIONAL FEES</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Large Entity Fee</th> <th style="text-align: left;">Small Entity Fee</th> <th style="text-align: left;">Fee Description</th> <th style="text-align: left;">Fee Paid</th> </tr> </thead> <tbody> <tr> <td>110</td> <td>55</td> <td>Extension for reply within first month</td> <td></td> </tr> <tr> <td>430</td> <td>215</td> <td>Extension for reply within second month</td> <td></td> </tr> <tr> <td>980</td> <td>490</td> <td>Extension for reply within third month</td> <td></td> </tr> <tr> <td>1,530</td> <td>765</td> <td>Extension for reply within fourth month</td> <td></td> </tr> <tr> <td>2,080</td> <td>1,040</td> <td>Extension for reply within fifth month</td> <td></td> </tr> <tr> <td>340</td> <td>170</td> <td>Notice of Appeal</td> <td></td> </tr> <tr> <td>340</td> <td>170</td> <td>Filing a brief in support of an appeal</td> <td></td> </tr> <tr> <td>300</td> <td>150</td> <td>Request for oral hearing</td> <td></td> </tr> <tr> <td>110</td> <td>55</td> <td>Terminal Disclaimer Fee</td> <td></td> </tr> <tr> <td>110</td> <td>55</td> <td>Petition to revive – unavoidable</td> <td></td> </tr> <tr> <td>1,370</td> <td>685</td> <td>Petition to revive – unintentional</td> <td></td> </tr> <tr> <td>1,400</td> <td>715</td> <td>Utility Issue, Publication Fees (inc. 3 advance copies)</td> <td>\$994.00</td> </tr> <tr> <td>130</td> <td>130</td> <td>Petitions to the Commissioner</td> <td></td> </tr> <tr> <td>180</td> <td>180</td> <td>Submission of IDS</td> <td></td> </tr> <tr> <td>790</td> <td>395</td> <td>Request for Continued Examination (RCE)</td> <td></td> </tr> </tbody> </table>				Large Entity Fee	Small Entity Fee	Fee Description	Fee Paid	110	55	Extension for reply within first month		430	215	Extension for reply within second month		980	490	Extension for reply within third month		1,530	765	Extension for reply within fourth month		2,080	1,040	Extension for reply within fifth month		340	170	Notice of Appeal		340	170	Filing a brief in support of an appeal		300	150	Request for oral hearing		110	55	Terminal Disclaimer Fee		110	55	Petition to revive – unavoidable		1,370	685	Petition to revive – unintentional		1,400	715	Utility Issue, Publication Fees (inc. 3 advance copies)	\$994.00	130	130	Petitions to the Commissioner		180	180	Submission of IDS		790	395	Request for Continued Examination (RCE)	
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<p>2. <input checked="" type="checkbox"/> Check Enclosed</p> <p style="text-align: center;">FEE CALCULATION</p> <p>1. EXTRA* CLAIM FEES</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Claims Remaining after Amendment</th> <th style="text-align: left;">Highest Number Previously Paid for</th> <th style="text-align: left;">Present Extra</th> <th style="text-align: left;">Fee from Below*</th> <th style="text-align: left;">Additional Fee</th> </tr> </thead> <tbody> <tr> <td>Total</td> <td>-</td> <td>= 0</td> <td>x .00 =</td> <td></td> </tr> <tr> <td>Indep.</td> <td>-</td> <td>= 0</td> <td>x .00 =</td> <td></td> </tr> <tr> <td>First Presentation of Multiple Dependent Claim</td> <td></td> <td>x</td> <td>=</td> <td></td> </tr> <tr> <td></td> <td></td> <td style="text-align: right;">Subtotal (1)</td> <td style="text-align: right;">.00</td> <td></td> </tr> </tbody> </table> <p>*Calculation of Extra Claim Fees</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Large Entity Fee</th> <th style="text-align: left;">Small Entity Fee</th> <th style="text-align: left;">Fee Description</th> </tr> </thead> <tbody> <tr> <td>18</td> <td>9</td> <td>Claims in excess of 20</td> </tr> <tr> <td>88</td> <td>44</td> <td>Independent claims in excess of 3</td> </tr> <tr> <td>300</td> <td>150</td> <td>Multiple dependent Claim</td> </tr> <tr> <td>88</td> <td>44</td> <td>Reissue independent claims over original patent</td> </tr> <tr> <td>18</td> <td>9</td> <td>Reissue claims in excess of 20 and over original patent</td> </tr> </tbody> </table>				Claims Remaining after Amendment	Highest Number Previously Paid for	Present Extra	Fee from Below*	Additional Fee	Total	-	= 0	x .00 =		Indep.	-	= 0	x .00 =		First Presentation of Multiple Dependent Claim		x	=				Subtotal (1)	.00		Large Entity Fee	Small Entity Fee	Fee Description	18	9	Claims in excess of 20	88	44	Independent claims in excess of 3	300	150	Multiple dependent Claim	88	44	Reissue independent claims over original patent	18	9	Reissue claims in excess of 20 and over original patent	<p>Other fee (specify):</p> <p style="text-align: right;">Subtotal (2) \$994.00</p> <p style="text-align: right;">Total Amount of Payment: \$994.00</p>																								
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Submitted by:

Name: Maria S. Swiatek	Reg. No.: 37,244	Telephone: 650-494-8700
DORSEY & WHITNEY LLP	Four Embarcadero Center, Suite 3400 San Francisco, California 94111-4187	CUSTOMER NUMBER 32940
Signature: 	Date: December 1, 2004	
1081704		



COPY

In the United States Patent and Trademark Office *[Signature]*

File No.: A-67587-1/MSS	U.S. Application No.: 09/505,516	Filing Date: February 17,2000
Date Due: NOT APPLICABLE	Date Mailed: May 24, 2004	Express Mail No.: NOT APPLICABLE
APPLICANT: KARABEYOGLU et al. (Stanford)		
TITLE: High Regression Rate Hybrid Rocket Propellants and Method of Selecting		
Enclosures: <input checked="" type="checkbox"/> Transmittal Letter; <input checked="" type="checkbox"/> Small Entity Statement; and <input checked="" type="checkbox"/> This Return Postcard	Official Use Only!	

[Circular stamp: MAY 26 2004, OIPE, PATENT & TRADEMARK OFFICE, OIPE]

COPY



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

KARABEYOGLU et al.

Serial No. 09/505,516

Filed: February 17, 2000

For: HIGH REGRESSION RATE
HYBRID ROCKET
PROPELLANTS AND METHOD
OF SELECTING

Examiner: Felton, Aileen Baker

Group Art Unit: 3641

San Francisco, CA 94111

Date: May 24, 2004

SMALL ENTITY STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Assignee hereby asserts entitlement to small entity status and is thereby entitled to pay the small entity fee in accordance with 37 C.F.R. 1.27 (a)(3) as a nonprofit organization.

The Board of Trustees of the Leland Stanford Junior University

Date: May 12, 2004

By Katharine Ku
Name: Katharine Ku
Title: Director of Licensing

1705 El Camino Real
Palo Alto, CA 94306-1106